

ABSTRACT

5 METHOD FOR GROWTH AND *DE NOVO* FORMATION OF A SUPERFICIAL
 CARTILAGE LAYER *IN SITU* AND FOR REPAIR OF DAMAGED CARTILAGE
 USING NEO-CARTILAGE CONSTRUCTS

Neo-cartilage constructs for growth and surface coating
10 for the *de novo* formation of a superficial cartilage layer. A
method for generation of the neo-cartilage and the neo-cartilage
construct. A method for repair and restoration of the injured,
damaged, diseased or aged cartilage into its full functionality
and for treatment of injured or diseased cartilage by implanting
15 the neo-cartilage construct between two layers of biologically
acceptable sealants.